

CLAIMS

1. Wiper device, in particular for a motor vehicle, comprising a wiper arm (10a – 10c, 10k, 10l) including a wiper rod (12a, 12c, 12k) for fixing a wiper blade, a fixing element (14a – 14c, 14k, 14l) connected free of articulation to the wiper rod (12a, 12c, 12k) and at least one partial zone (16a – 16m) having spring elasticity, characterized in that, the wiper arm (10a – 10c, 10k, 10l) can shift essentially elastically from an operating configuration to at least one first stable configuration, wherein the wiper blade can be mounted and dismounted when the wiper arm (10a – 10c, 10k, 10l) is in a mounted state.
2. Wiper device according to Claim 1, characterized in that, the wiper arm (10a – 10c, 10k, 10l) in a demounted state features a second stable configuration varying from the first stable configuration, into which the wiper arm (10a – 10c, 10k, 10l) can essentially be shifted in a spring elastic manner.
3. Wiper device according to Claim 2, characterized in that, the configurations occurring when shifting the wiper arm (10a – 10c, 10k, 10l) from the first into the second stable configuration include the operating configuration.
4. Wiper device, at least according to Claim 2, characterized in that, the spring elastic partial zone (16a, 16b) features at least one curved formation (18a, 18b) whose convex side (20a – 20b) points in a first direction (36a, 36b) in the first stable configuration and in the second stable configuration points in a second direction.
5. Wiper device according to Claim 4, characterized in that, the spring elastic partial zone (16a, 16b) features at least one hole (22a, 22b) in the area of the curved formation (18a, 18b).
6. Wiper device, at least according to Claim 2, characterized in that, the spring elastic partial zone (16c – 16m) features at least one arched section (40c, 40e, 40g, 40i – 40l, 42d, 42f, 42h), which in the first stable configuration has a curvature in a first direction (36c) and in the second stable configuration a curvature in a second direction.

7. Wiper device according to one of the preceding claims, characterized in that, at least one section (40g, 40i – 40m, 42d, 42f, 42h) of the spring elastic partial zone (16d, 16f – 16m) is under initial tension in at least one stable configuration.
8. Wiper device according to one of the preceding claims, characterized in that, at least one limit stop (24k, 24l, 26k, 26l), via which a force can be initiated in a targeted manner in the area of the spring elastic partial zone (16k, 26l) during a shifting process between the two configurations.
9. Wiper device according to Claim 8, characterized in that, the limit stop (24k, 24l, 26k, 26l) is formed on the fixing element (14k, 14l).
10. Wiper device according to one of the preceding claims, characterized in that, at least one part of the spring elastic partial zone (16k, 16l) is integrated into the wiper rod (12k) as one piece.
11. Wiper rod (12k) for a wiper device according to Claim 10.
12. Fixing element (14k, 14l) for a wiper device according to one of Claims 1 through 10.